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**Amendments to the Claims:**

Please amend the claims to read as follows:

1. (Currently amended) A stator coil group for an electromotive machine comprising:  
a first coil having longitudinal sections, circumferential sections and a thickness, each of the longitudinal sections of the first coil having a width forming a portion of a first cylindrical surface~~curve~~, the longitudinal sections and circumferential sections of the first coil defining a substantially rectangular opening; and  
  
a second coil having longitudinal sections, circumferential sections and a thickness, each of the longitudinal sections of the second coil having a width forming a portion of the first cylindrical surface~~curve~~, the longitudinal sections and circumferential sections of the second coil defining a substantially rectangular opening, the widths of the longitudinal sections of the first and second coils being greater than the respective thicknesses of the first and second coils, one of the longitudinal sections of the first coil being at least partially disposed in the rectangular opening of the second coil and one of the longitudinal sections of the second coil being at least partially disposed in the rectangular opening of the first coil.
2. (Original) The stator coil group of claim 1 wherein the longitudinal sections of the first coil and the longitudinal sections of the second coil have ends, at least one of the first coil and the second coil having step bends at each end of the respective longitudinal sections.
3. (Currently amended) The stator coil group of claim 1 further comprising:  
a first outer coil having longitudinal sections, circumferential sections and a thickness, each of the longitudinal sections of the first outer coil having a width forming a portion of a second cylindrical surface~~curve~~, the longitudinal sections and circumferential sections of the first outer coil defining a substantially rectangular opening; and

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a second outer coil having longitudinal sections, circumferential sections and a thickness, each of the longitudinal sections of the second outer coil having a width forming a portion of the second cylindrical surface, the longitudinal sections and circumferential sections of the second outer coil defining a substantially rectangular opening, the widths of the longitudinal sections of the first and second outer coils being greater than the respective thicknesses of the first and second outer coils, one of the longitudinal sections of the first outer coil being at least partially disposed in the rectangular opening of the second outer coil and one of the longitudinal sections of the second outer coil being at least partially disposed in the rectangular opening of the first outer coil.

4. (Original) The stator coil group of claim 3 wherein the longitudinal sections of the first outer coil and the longitudinal sections of the second outer coil have ends, at least one of the first outer coil and the second outer coil having step bends at each end of the respective longitudinal sections.

5. (Currently amended) A stator coil group for an electromotive machine comprising:

a plurality of first coils, each first coil having a pair of longitudinal sections, a pair of circumferential sections and a thickness, each of the longitudinal sections of the first coils having a width forming a portion of a first cylindrical surface, the longitudinal sections and circumferential sections of each first coil defining a substantially rectangular opening therein; and

a plurality of second coils, each second coil having a pair of longitudinal sections, a pair of circumferential sections and a thickness, each of the longitudinal sections of the second coils having a width forming a portion of the first cylindrical surface, the longitudinal sections and circumferential sections of each second coil defining a substantially rectangular opening therein, the widths of the longitudinal sections of the first and second coils being greater than the respective thicknesses of the first and second coils, one of the longitudinal sections of each first coil being at least partially disposed in the rectangular opening of an adjacent one of the second coils and one of the longitudinal sections of each second coil being at least partially disposed in

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the rectangular opening of an adjacent one of the first coils, each of the first coils being in serial electrical communication with a respective one of the second coils to form a coil pair.

6. (Original) The stator coil group of claim 5 wherein one of the coil pairs is in parallel electrical communication with one of the other coil pairs.

7. (Original) The stator coil group of claim 5 wherein the longitudinal sections of the first and second coils have ends, at least one of the first plurality of coils and the second plurality of coils having step bends at each end of the respective longitudinal sections.

8. (Currently amended) The stator coil group of claim 5 further comprising:

a plurality of first outer coils, each first outer coil having a pair of longitudinal sections, a pair of circumferential sections and a thickness, each of the longitudinal sections of the first outer coils having a width forming a portion of a second cylindrical surface~~curve~~, the longitudinal sections and circumferential sections of each first outer coil defining a substantially rectangular opening therein; and

a plurality of second outer coils, each second outer coil having a pair of longitudinal sections, a pair of circumferential sections and a thickness, each of the longitudinal sections of the second outer coils having a width forming a portion of the second cylindrical surface~~curve~~, the longitudinal sections and circumferential sections of each second outer coil defining a substantially rectangular opening therein, the widths of the longitudinal sections of the first and second outer coils being greater than the respective thicknesses of the first and second outer coils, one of the longitudinal sections of each first outer coil being at least partially disposed in the rectangular opening of an adjacent one of the second outer coils and one of the longitudinal sections of each second outer coil being at least partially disposed in the rectangular opening of an adjacent one of the first outer coils, each of the second outer coils being in serial electrical communication with one of the first coils, one of the second coils and one of the first outer coils to form a coil set.

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9. (Original) The stator coil group of claim 8 wherein one of the coil sets is in parallel electrical communication with one of the other coil sets.

10. (Original) The stator coil group of claim 8 wherein the longitudinal sections of the first and second coils have ends, at least one of the first plurality of outer coils and the second plurality of outer coils having step bends at each end of the respective longitudinal sections.

11. (Currently amended) An electromotive machine comprising:

a permanent magnet rotor having a rotor axis;

a plurality of first coils, each first coil having a pair of longitudinal sections, a pair of circumferential sections and a thickness, each of the longitudinal sections of the first coils having a width forming a portion of a first cylindrical surface~~curve~~, the longitudinal sections and circumferential sections of each first coil defining a substantially rectangular opening therein; and

a plurality of second coils, each second coil having a pair of longitudinal sections, a pair of circumferential sections and a thickness, each of the longitudinal sections of the second coils having a width forming a portion of the first cylindrical surface~~curve~~, the longitudinal sections and circumferential sections of each second coil defining a substantially rectangular opening therein, the widths of the longitudinal sections of the first and second coils being greater than the respective thicknesses of the first and second coils, the longitudinal sections of the first and second coils being disposed at a fixed radial distance from the rotor axis, one of the longitudinal sections of each first coil being at least partially disposed in the rectangular opening of an adjacent one of the second coils and one of the longitudinal sections of each second coil being at least partially disposed in the rectangular opening of an adjacent one of the first coils.